

Title (en)

A METHOD AND A DEVICE FOR WELDING TOGETHER PLASTIC OR PLASTIC COVERED SURFACES

Publication

EP 0237192 A3 19890906 (EN)

Application

EP 87301168 A 19870211

Priority

NO 860643 A 19860220

Abstract (en)

[origin: EP0237192A2] A method and a device for welding together plastic or plastic covered surfaces (6, 11) by the aid of laser beam heating (13), especially for joining the lateral seam of a container or a blank for a container. Between the plane areas (11, 6) to be melted together a reflector means (12) is provided with surfaces having a reflecting angle orthogonal to the faces to be melted together (6, 11). The laser beam (13) is emitted while the surface (6, 11) to be melted together are directed past said reflector means (12) in its longitudinal direction. The faces (6, 11) are pressed and melted together after having left the area at said reflector means (12). Said reflector means (12) is, e.g. a reflecting prism.

IPC 1-7

B29C 65/16; **B23K 26/06**

IPC 8 full level

B23K 26/06 (2006.01); **B29C 65/16** (2006.01); **B23K 26/00** (2006.01)

CPC (source: EP)

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Citation (search report)

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